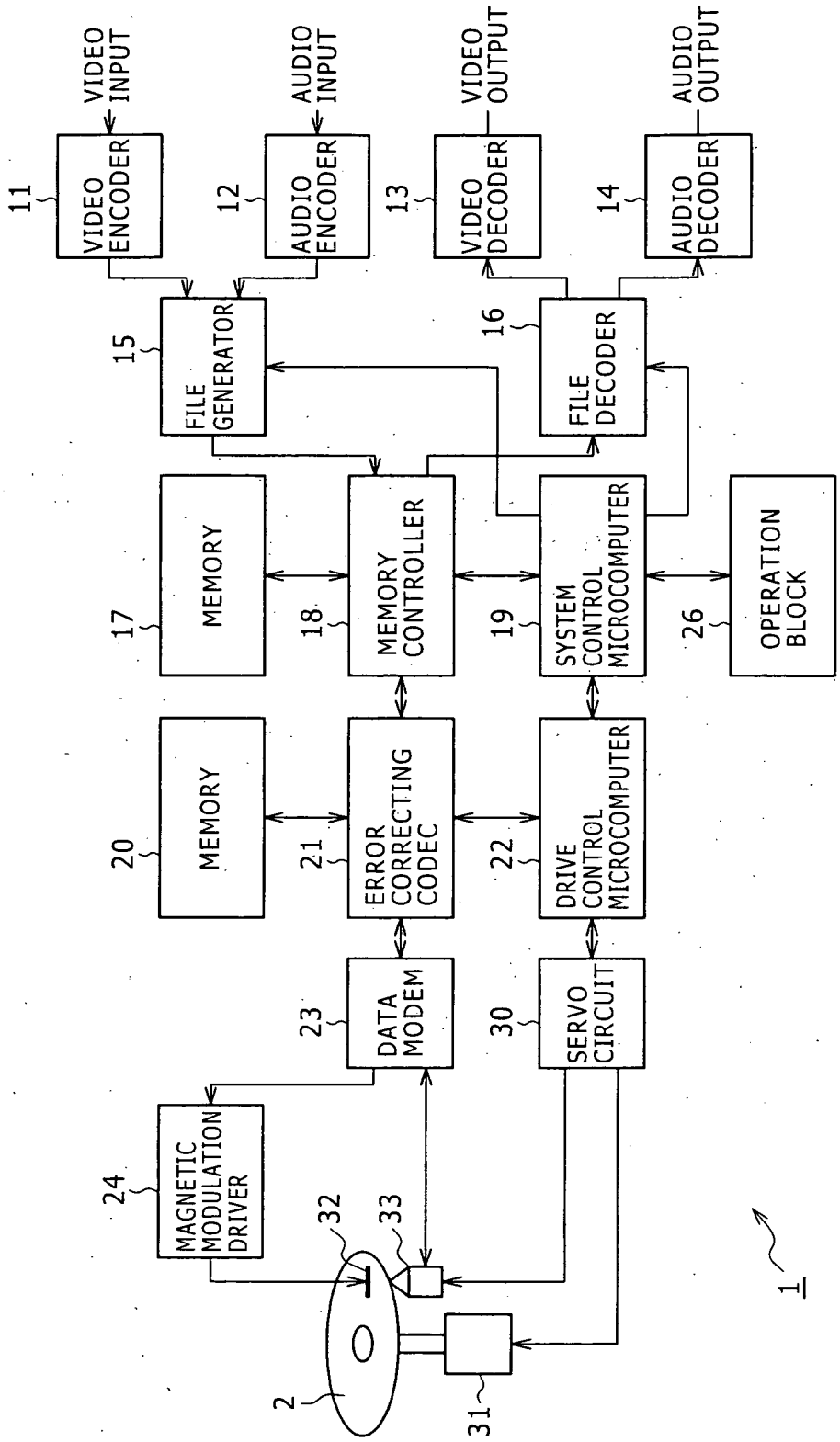
FIG. 1


VIDEO INPUT
AUDIO INPUT
VIDEO OUTPUT
AUDIO OUTPUT
11
VIDEO ENCODER
12
AUDIO ENCODER
13
VIDEO DECODER
14
AUDIO DECODER
15
FILE GENERATOR
16
FILE DECODER
17
MEMORY
18
MEMORY CONTROLLER
19
SYSTEM CONTROL MICROCOMPUTER
26
OPERATION BLOCK
20
MEMORY
21
ERROR CORRECTING CODEC
22
DRIVE CONTROL MICROCOMPUTER
23
DATA MODEM
30
SERVO CIRCUIT
24
MAGNETIC MODULATION DRIVER
32
33
2
31
1

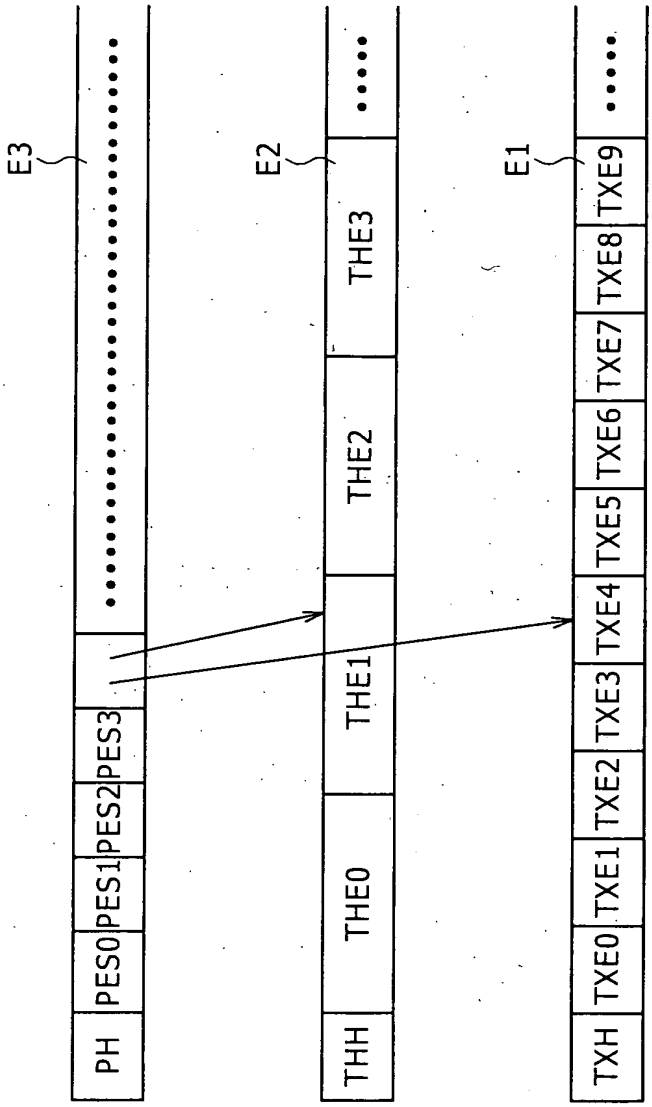


FIG. 2A

FIG. 2B

FIG. 2C

Entry Number	0	1	2	3	4	5	6	7
Entry Property 0:Folder 1:File	0	0	0	1	1	0	1	1
Parent Entry Number	x	0	0	0	0	1	1	5
RECYCLE BIN 1:RECYCYLE BIN 0:OTHERS	0	0	1	0	0	0	0	0

FIG. 3A

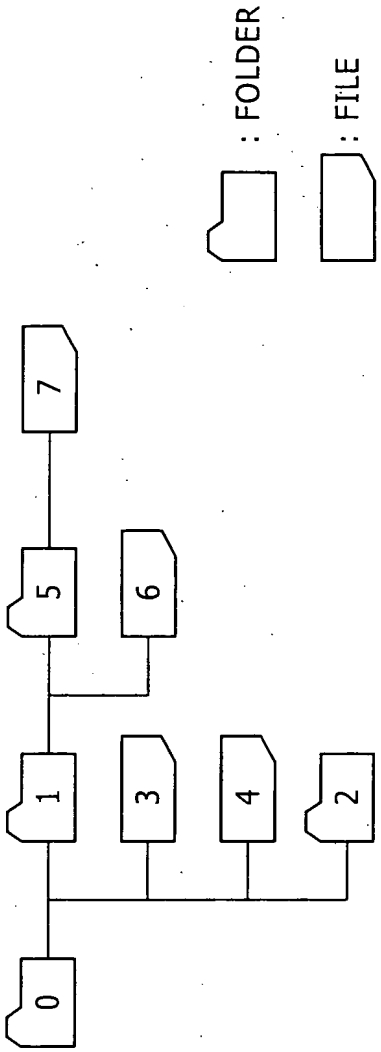


FIG. 3B

FIG.4A

Entry Number	0	1	2	3	4	5	6	7
Entry Property 0:Folder 1:File	0	0	0	1	1	0	1	1
Parent Entry Number	x	0	0	0	0	1	2	5
RECYCLE BIN 1:RECYCYLE BIN 0:OTHERS	0	0	1	0	0	0	0	0

FIG.4B

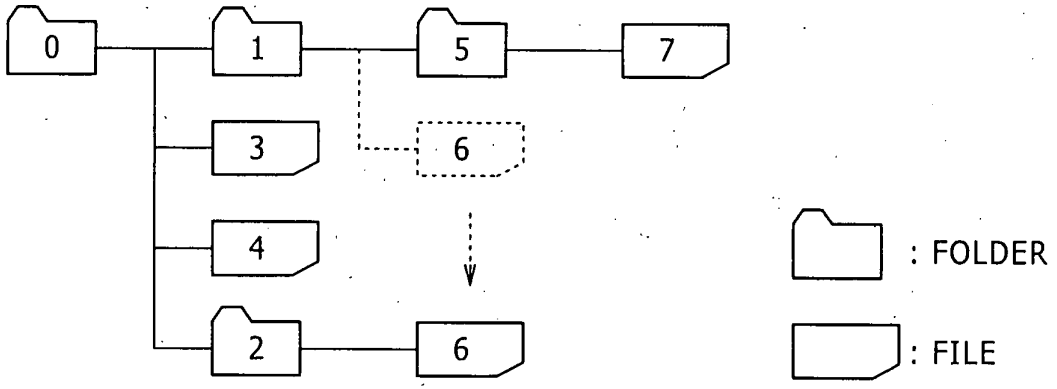
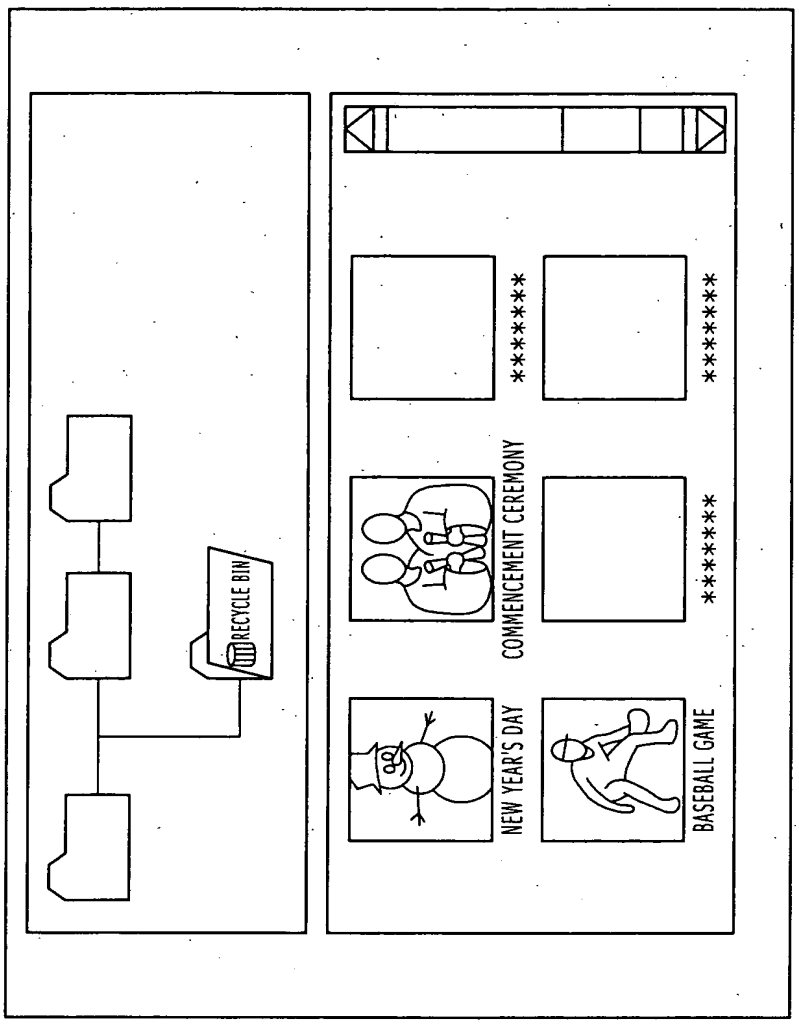


FIG.5


RECYCLE BIN
****
****
COMMENCEMENT CEREMONY
****
NEW YEAR'S DAY
BASEBALL GAME

Entry Number	0	1	2	3	4	5	6	7	8	9	10	11
Entry Property 0:Folder 1:File	0	0	0	1	1	0	1	1	1	1	0	0
Parent Entry Number	x	0	0	0	0	1	10	11	1	5	2	2
RECYCLE BIN 1:RECYCYLE BIN 0:OTHERS	0	0	1	0	0	0	0	0	0	0	0	0
DELETE DATE	-	-	-	-	-	-	-	-	-	-	8/15	8/16

FIG.6A

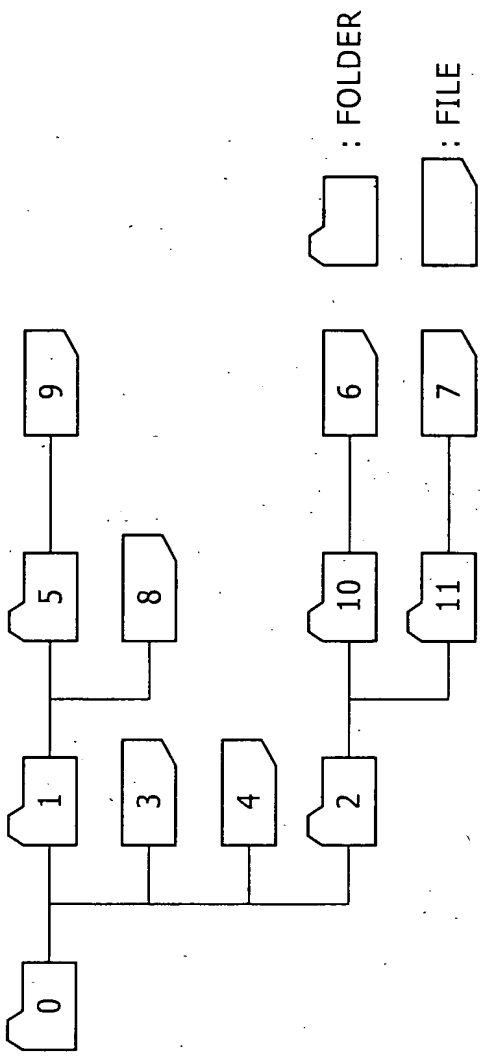


FIG.6B

FIG. 7

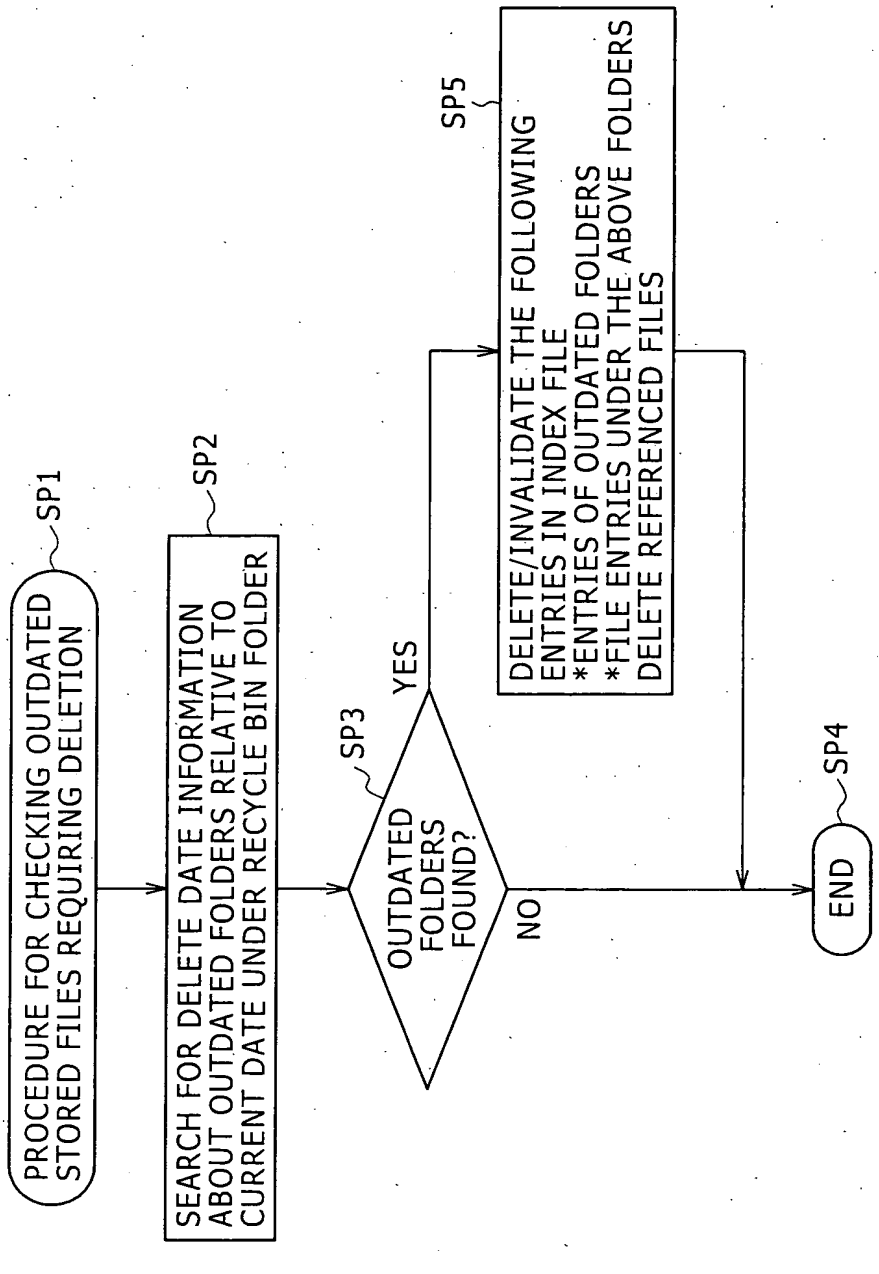

PROCEDURE FOR CHECKING OUTDATED STORED FILES REQUIRING DELETION
SP1
SEARCH FOR DELETE DATE INFORMATION ABOUT OUTDATED FOLDERS RELATIVE TO CURRENT DATE UNDER RECYCLE BIN FOLDER
SP2
OUTDATED FOLDERS FOUND?
SP3
YES
NO
DELETE/INVALIDATE THE FOLLOWING ENTRIES IN INDEX FILE
*ENTRIES OF OUTDATED FOLDERS
*FILE ENTRIES UNDER THE ABOVE FOLDERS
DELETE REFERENCED FILES
SP5
END
SP4

FIG. 8

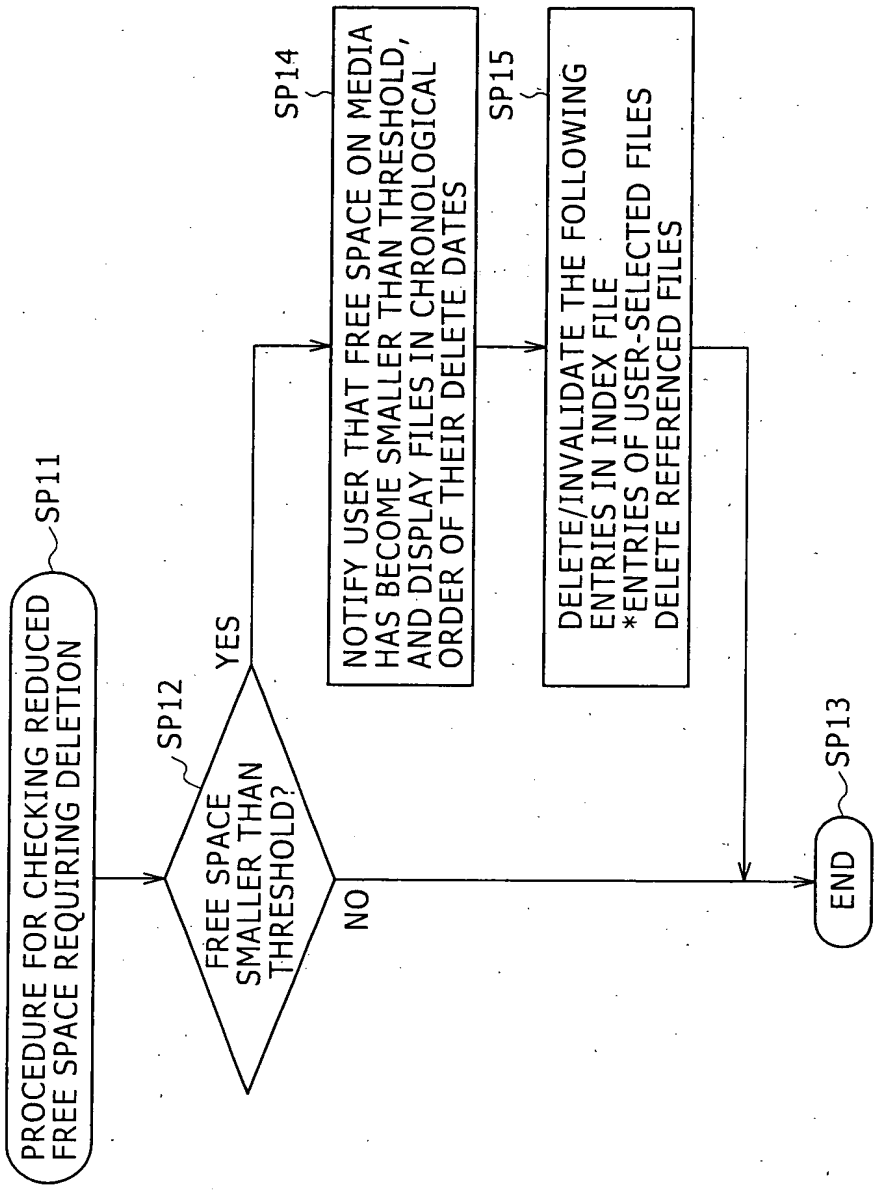
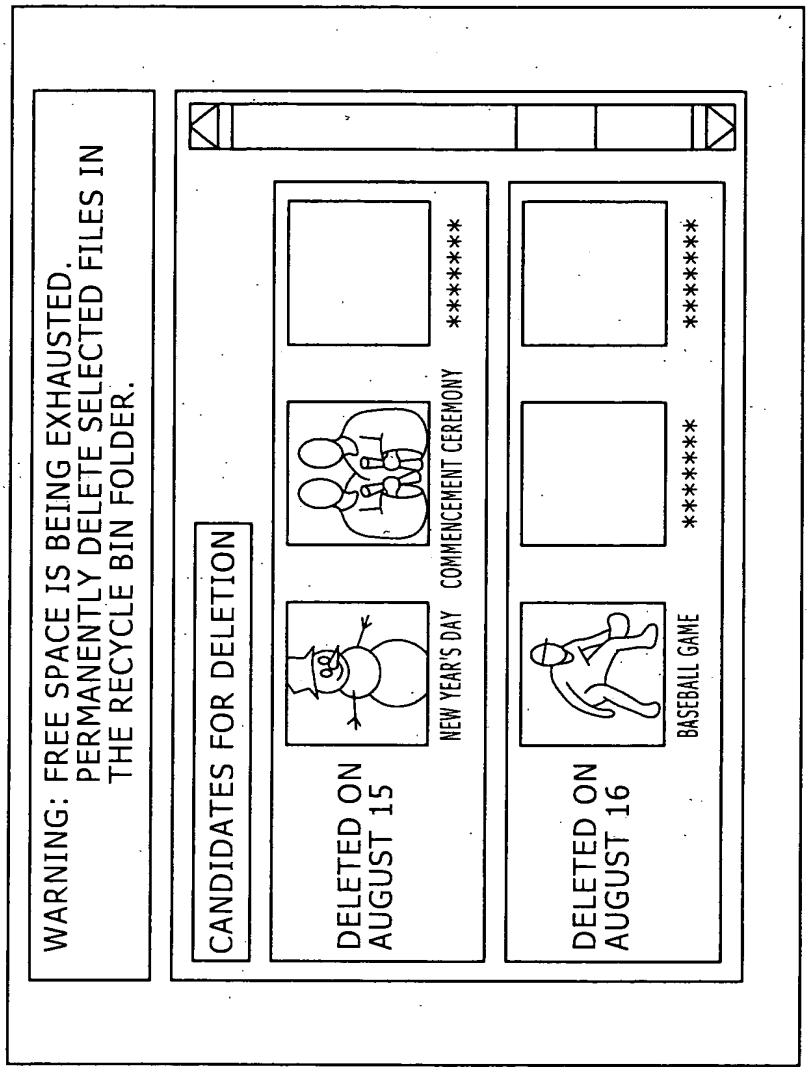

PROCEDURE FOR CHECKING REDUCED FREE SPACE REQUIRING DELETION
SP11
FREE SPACE SMALLER THAN THRESHOLD?
SP12
YES
NO
NOTIFY USER THAT FREE SPACE ON MEDIA HAS BECOME SMALLER THAN THRESHOLD, AND DISPLAY FILES IN CHRONOLOGICAL ORDER OF THEIR DELETE DATES
SP14
DELETE/INVALIDATE THE FOLLOWING ENTRIES IN INDEX FILE
*ENTRIES OF USER-SELECTED FILES
DELETE REFERENCED FILES
SP15
END
SP13

FIG.9


WARNING: FREE SPACE IS BEING EXHAUSTED.
PERMANENTLY DELETE SELECTED FILES IN
THE RECYCLE BIN FOLDER.
CANDIDATES FOR DELETION
DELETED ON AUGUST 15
NEW YEAR'S DAY
COMMENCEMENT CEREMONY
****
DELETED ON AUGUST 16
BASEBALL GAME
****